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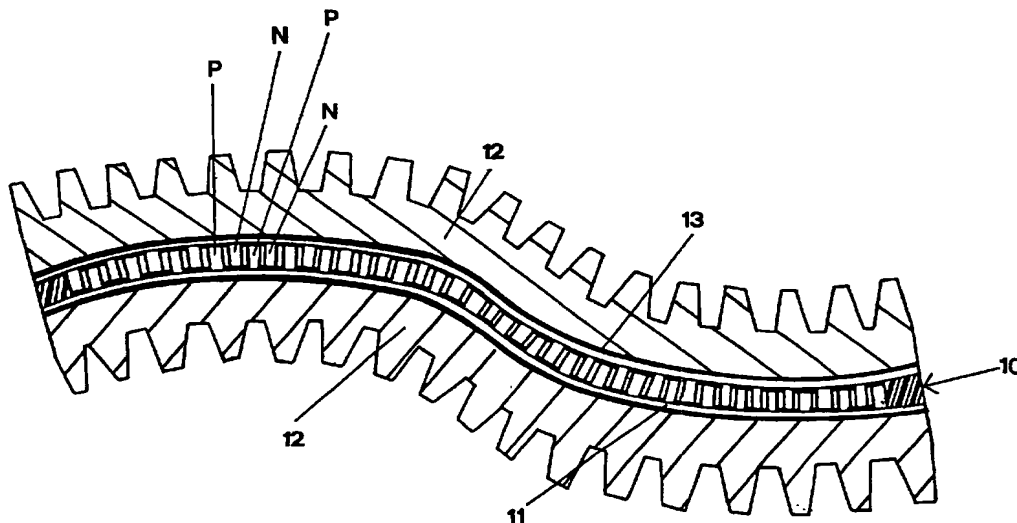
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(54) Title: INTEGRATED THERMOELECTRIC MODULE



(57) Abstract: The integrated thermoelectric module is formed of a set of thermoelectric elements, consisting of N type and P type conductor and/or semiconductor elements electrically connected in series and/or in parallel and thermally connected in parallel and being assembled on flexible supports (11) of polymeric material, capable of electrically isolating said circuit, but having a high thermal conductivity efficiency. Each support (11) is connected to a heat exchanger (12) by means of connection materials (13) having low thermal impedance allowing optimum connection even at low adhesion pressures. The thermoelectric elements are distributed in its interior part so as to geometrically harmonize heat transferred from the integrated thermoelectric module with heat exchanged by the heat exchangers, thus making the temperature distribution on said exchangers as uniform as possible.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 6 297 441 B1 (MACRIS CHRIS) 2 October 2001 (2001-10-02) column 9, line 62 -column 10, line 25; figure 7	1-4
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